

(54) **MULTI-SENSOR MONITORING OF ATHLETIC PERFORMANCE**

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(57) **ABSTRACT**

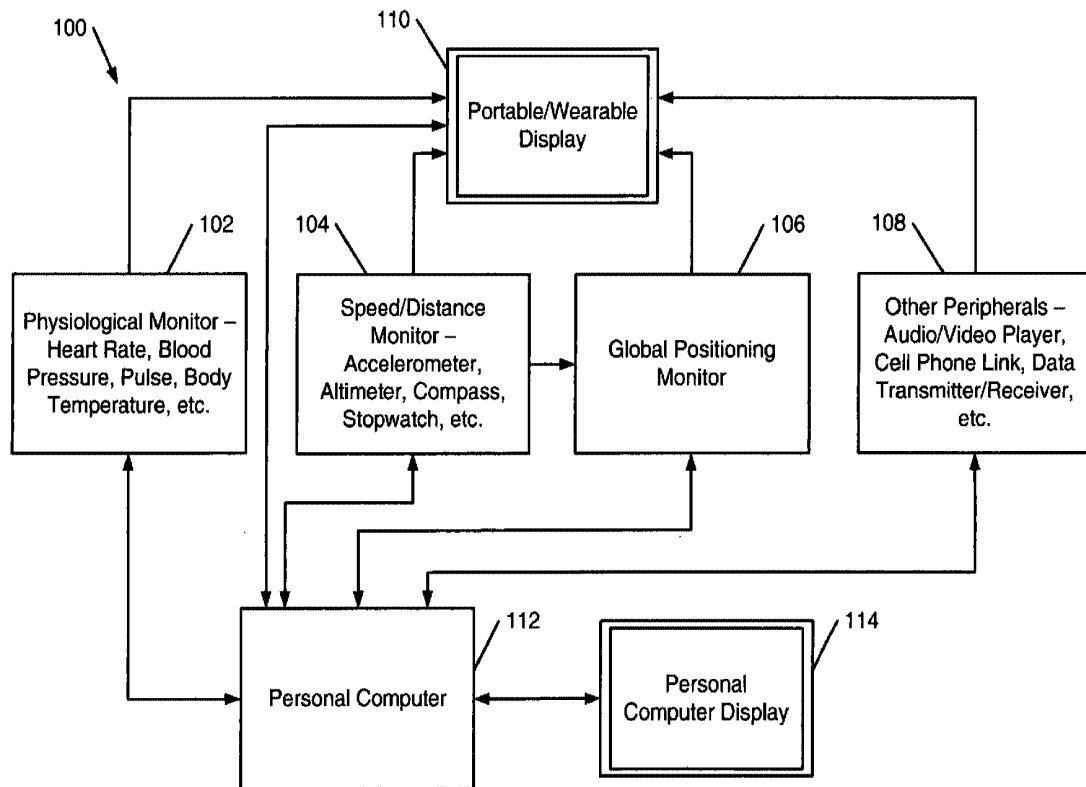
Athletic performance monitoring systems and methods, many of which utilize, in some manner, global positioning satellite ("GPS") data, provide data and information to athletes and/or to equipment used by athletes during an athletic event. Such systems and methods may provide route information to athletes and/or their trainers, e.g., for pre-event planning, goal setting, and calibration purposes. Such systems and methods optionally may provide real time information to the athlete while the event takes place, e.g., to assist in reaching the pre-set goals. Additionally, data and information collected by such systems and methods may assist in post-event analysis for athletes and their trainers, e.g., to evaluate past performances and to assist in improving future performances.

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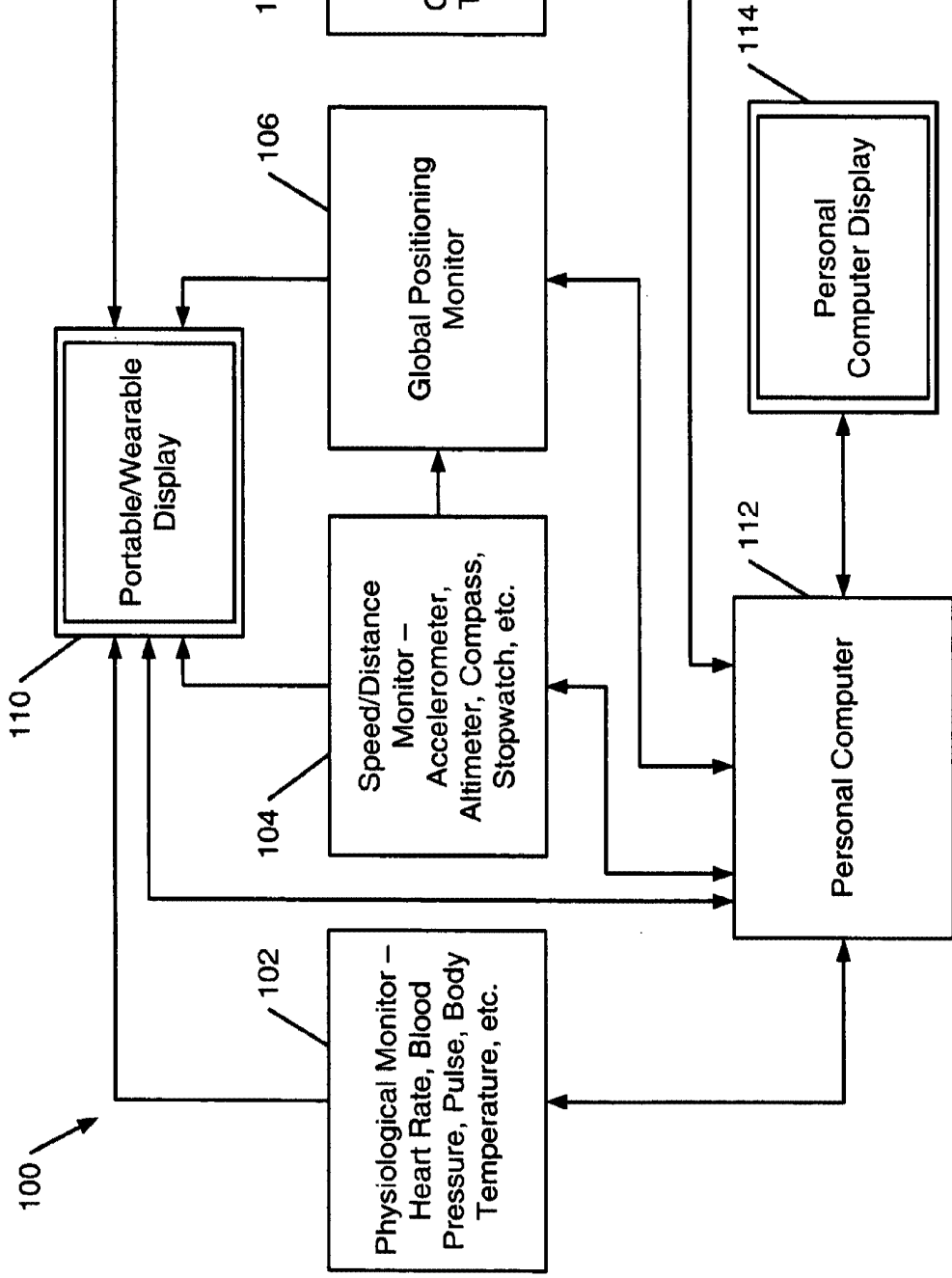


Fig. 1

FIG. 2

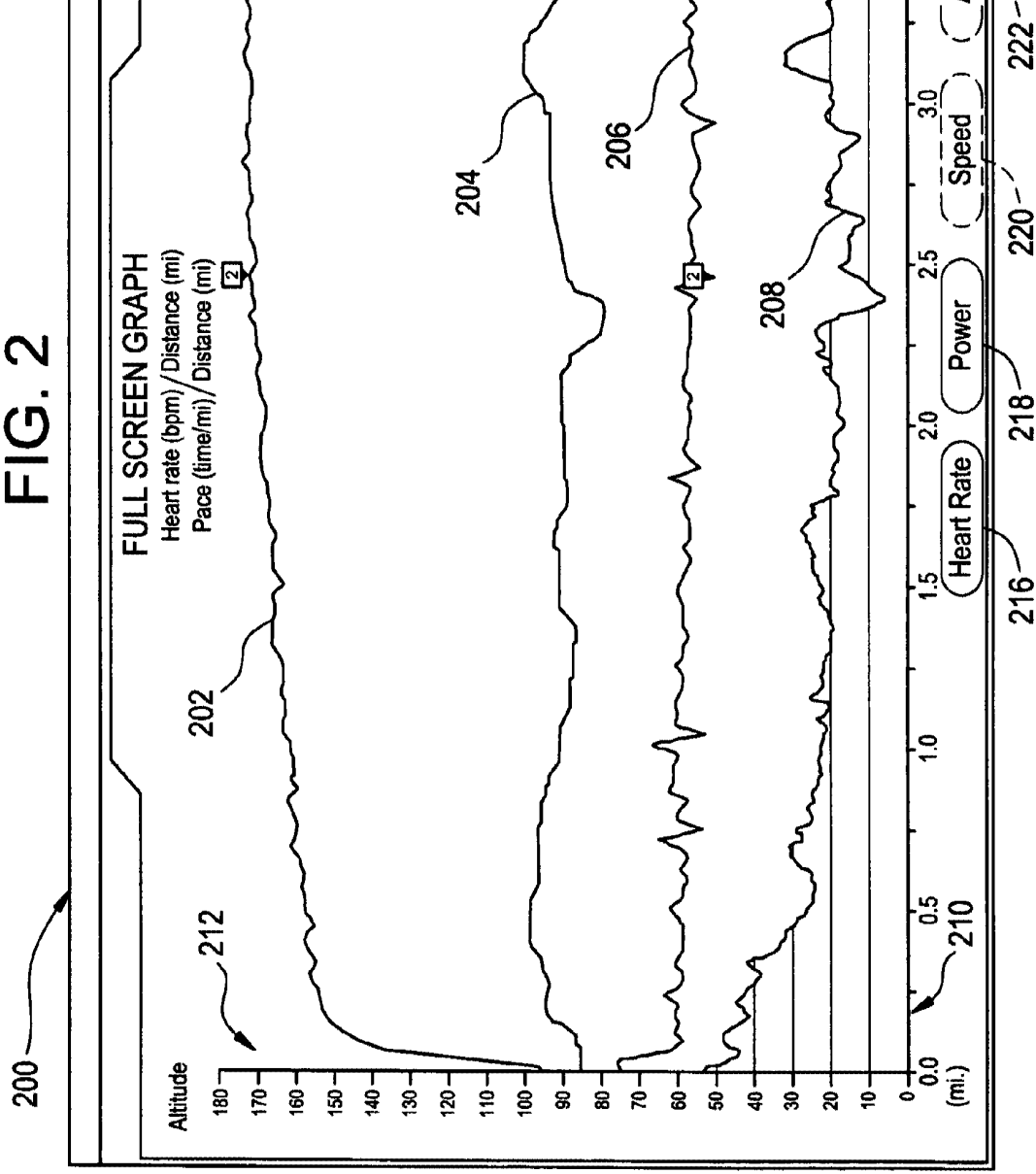


FIG. 3

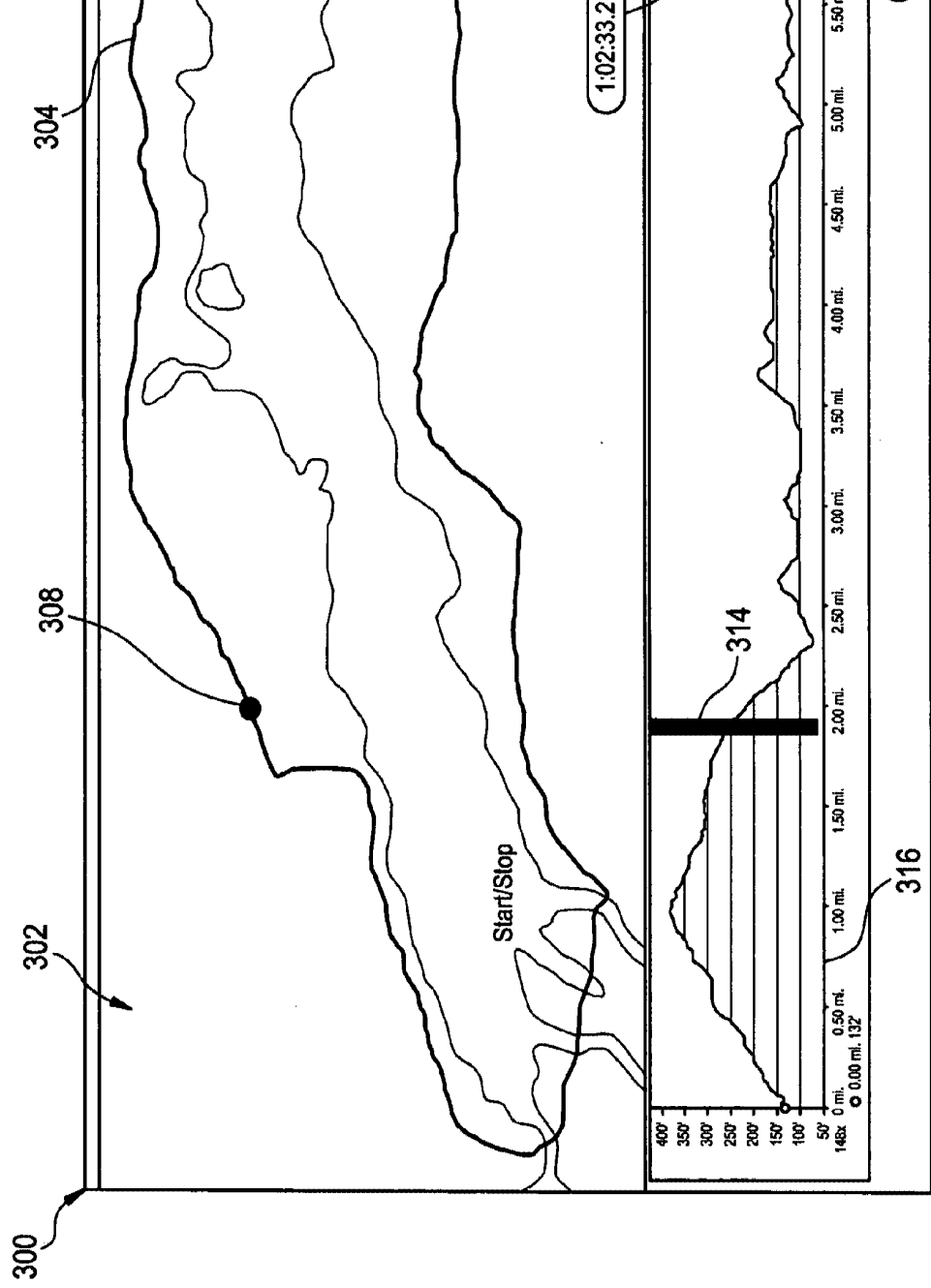
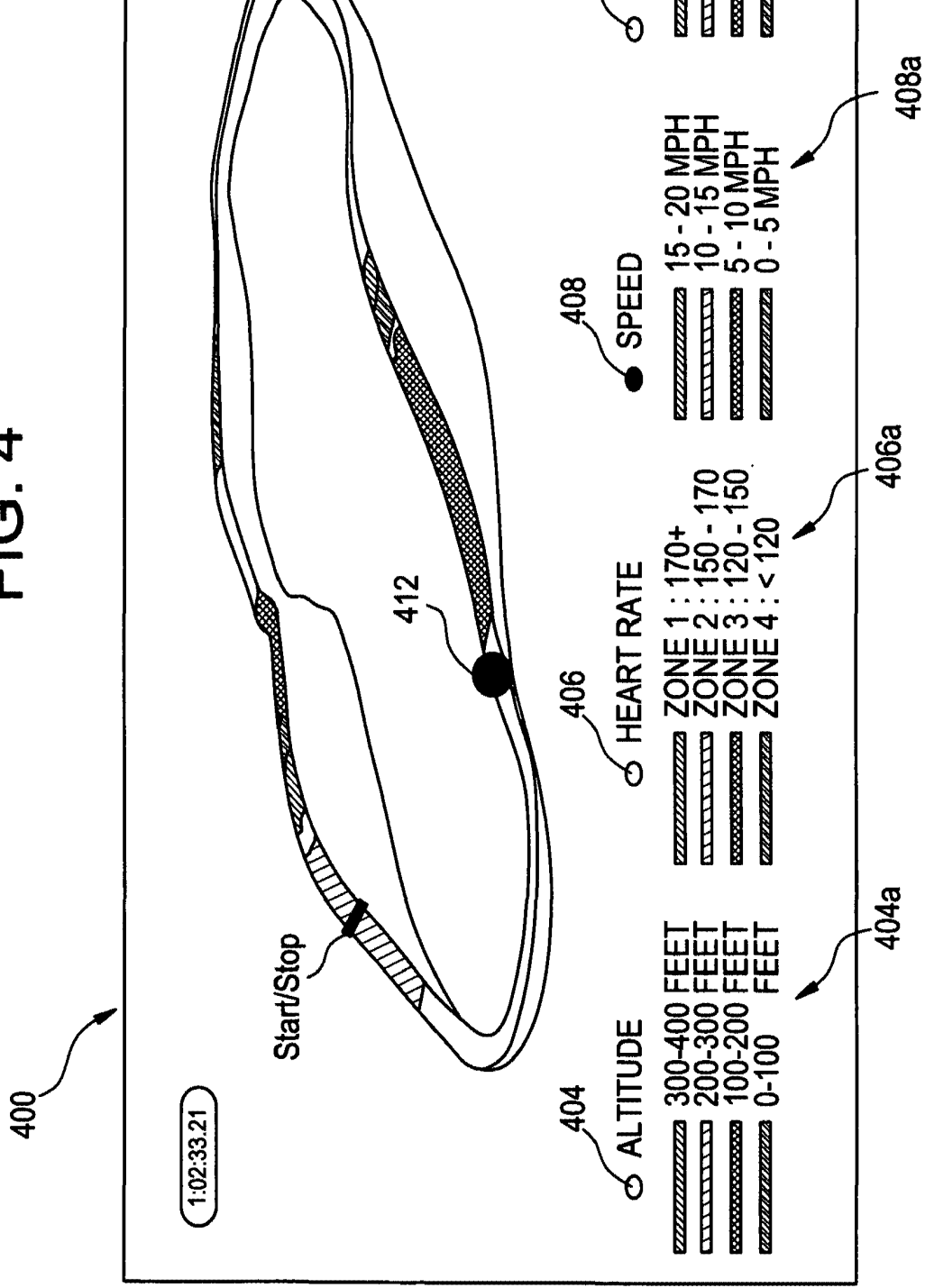


FIG. 4



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